

**auxotroph (awk'sō-trōf)**

A mutant microorganism that requires some nutrient that is not required by the organism (prototroph) from which the mutant was derived. Cf. monoauxotroph, polyauxotroph

[auxo- + G. *trophē*, nourishment]

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**adenylate cyclase**

an enzyme acting on ATP to form 3',5'-cyclic AMP plus pyrophosphate. A crucial step in the regulation and formation of second messengers. Syn: 3',5'-cyclic AMP synthetase

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